

PTO/SB/21 (04-04)

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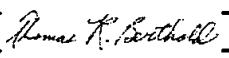
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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number	09/614,945	RECEIVED
		Filing Date	07/12/2000	CENTRAL FAX CENTER
		First Named Inventor	Witold Kula	
		Art Unit	2653	NOV 23 2004
		Examiner Name	Heinz, Allen J.	
Total Number of Pages in This Submission	8	Attorney Docket Number	SJO9-2000-0043US1	

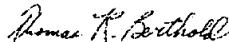
ENCLOSURES (Check all that apply)			
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">Remarks</div>	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Thomas R. Berthold		
Signature			
Date	11/23/2004		

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Typed or printed name	Thomas R. Berthold		
Signature		Date	11/23/2004

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PTO/SB/17 (10-01)

Approved for use through 07/31/2006. OMB 0651-0032
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FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 0.00)

Complete if Known	
Application Number	09/614,945
Filing Date	07/12/2000
First Named Inventor	Witold Kula
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Attorney Docket No.	SJO9-2000-0043US1

METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																																																																													
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number <input type="text"/></p> <p>Deposit Account Name <input type="text"/></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>		<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>205</td><td>65 Surcharge - late filing fee or oath</td></tr> <tr><td>1052</td><td>50</td><td>227</td><td>25 Surcharge - late provisional filing fee or cover sheet</td></tr> <tr><td>1053</td><td>130</td><td>139</td><td>130 Non-English specification</td></tr> <tr><td>1812</td><td>2,520</td><td>147</td><td>2,520 For filing a request for ex parte reexamination</td></tr> <tr><td>1804</td><td>920*</td><td>112</td><td>920* Requesting publication of SIR prior to Examiner action</td></tr> <tr><td>1805</td><td>1,840*</td><td>113</td><td>1,840* Requesting publication of SIR after Examiner action</td></tr> <tr><td>1251</td><td>110</td><td>215</td><td>55 Extension for reply within first month</td></tr> <tr><td>1252</td><td>420</td><td>216</td><td>205 Extension for reply within second month</td></tr> <tr><td>1253</td><td>950</td><td>217</td><td>465 Extension for reply within third month</td></tr> <tr><td>1254</td><td>1,480</td><td>218</td><td>725 Extension for reply within fourth month</td></tr> <tr><td>1255</td><td>2,010</td><td>228</td><td>985 Extension for reply within fifth month</td></tr> <tr><td>1401</td><td>330</td><td>219</td><td>160 Notice of Appeal</td></tr> <tr><td>1402</td><td>330</td><td>220</td><td>160 Filing a brief in support of an appeal</td></tr> <tr><td>1403</td><td>290</td><td>221</td><td>140 Request for oral hearing</td></tr> <tr><td>1451</td><td>1,510</td><td>138</td><td>1,510 Petition to institute a public use proceeding</td></tr> <tr><td>1452</td><td>110</td><td>240</td><td>55 Petition to revive - unavoidable</td></tr> <tr><td>1453</td><td>1,330</td><td>241</td><td>650 Petition to revive - unintentional</td></tr> <tr><td>1501</td><td>1,330</td><td>242</td><td>650 Utility issue fee (or reissue)</td></tr> <tr><td>1502</td><td>480</td><td>243</td><td>235 Design issue fee</td></tr> <tr><td>1503</td><td>640</td><td>244</td><td>310 Plant issue fee</td></tr> <tr><td>1460</td><td>130</td><td>122</td><td>130 Petitions to the Commissioner</td></tr> <tr><td>1807</td><td>50</td><td>123</td><td>50 Processing fee under 37 CFR 1.17(q)</td></tr> <tr><td>1808</td><td>180</td><td>126</td><td>180 Submission of Information Disclosure Stmt</td></tr> <tr><td>8021</td><td>40</td><td>581</td><td>40 Recording each patent assignment per property (times number of properties)</td></tr> <tr><td>1809</td><td>770</td><td>246</td><td>370 Filing a submission after final rejection (37 CFR § 1.129(a))</td></tr> <tr><td>1810</td><td>770</td><td>249</td><td>370 For each additional invention to be examined (37 CFR § 1.129(b))</td></tr> <tr><td>1801</td><td>770</td><td>279</td><td>375 Request for Continued Examination (RCE)</td></tr> <tr><td>1802</td><td>900</td><td>169</td><td>900 Request for expedited examination of a design application</td></tr> <tr><td colspan="4">Other fee (specify) _____</td></tr> <tr> <td colspan="2">*or number previously paid, if greater; For Reissues, see above</td> <td colspan="2">SUBTOTAL (3) (\$)</td> </tr> <tr> <td colspan="2">SUBMITTED BY</td> <td colspan="2">Complete (if applicable)</td> </tr> <tr> <td>Name (Print/Type)</td> <td>Thomas R. Berthold</td> <td>Registration No. (Attorney/Agent)</td> <td>28,689</td> </tr> <tr> <td>Signature</td> <td><i>Thomas R. Berthold</i></td> <td>Telephone</td> <td>(408) 396-8411</td> </tr> <tr> <td colspan="2"></td> <td>Date</td> <td>11/23/2004</td> </tr> </tbody> </table>		Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	1051	130	205	65 Surcharge - late filing fee or oath	1052	50	227	25 Surcharge - late provisional filing fee or cover sheet	1053	130	139	130 Non-English specification	1812	2,520	147	2,520 For filing a request for ex parte reexamination	1804	920*	112	920* Requesting publication of SIR prior to Examiner action	1805	1,840*	113	1,840* Requesting publication of SIR after Examiner action	1251	110	215	55 Extension for reply within first month	1252	420	216	205 Extension for reply within second month	1253	950	217	465 Extension for reply within third month	1254	1,480	218	725 Extension for reply within fourth month	1255	2,010	228	985 Extension for reply within fifth month	1401	330	219	160 Notice of Appeal	1402	330	220	160 Filing a brief in support of an appeal	1403	290	221	140 Request for oral hearing	1451	1,510	138	1,510 Petition to institute a public use proceeding	1452	110	240	55 Petition to revive - unavoidable	1453	1,330	241	650 Petition to revive - unintentional	1501	1,330	242	650 Utility issue fee (or reissue)	1502	480	243	235 Design issue fee	1503	640	244	310 Plant issue fee	1460	130	122	130 Petitions to the Commissioner	1807	50	123	50 Processing fee under 37 CFR 1.17(q)	1808	180	126	180 Submission of Information Disclosure Stmt	8021	40	581	40 Recording each patent assignment per property (times number of properties)	1809	770	246	370 Filing a submission after final rejection (37 CFR § 1.129(a))	1810	770	249	370 For each additional invention to be examined (37 CFR § 1.129(b))	1801	770	279	375 Request for Continued Examination (RCE)	1802	900	169	900 Request for expedited examination of a design application	Other fee (specify) _____				*or number previously paid, if greater; For Reissues, see above		SUBTOTAL (3) (\$)		SUBMITTED BY		Complete (if applicable)		Name (Print/Type)	Thomas R. Berthold	Registration No. (Attorney/Agent)	28,689	Signature	<i>Thomas R. Berthold</i>	Telephone	(408) 396-8411			Date	11/23/2004
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT RECEIVED
CENTRAL FAX CENTER

NOV 23 2004

Application No.: 09/614,945

Art Unit: 2653

Filing Date: 07/12/2000

Examiner: Heinz, Allen J.

First Named/Inventor: Witold Kula

Date: 11/23/2004

Title: IMPROVED SPIN VALVE MAGNETIC PROPERTIES WITH
OXYGEN-RICH NiO UNDERLAYERAMENDMENT AFTER FINAL REJECTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is in response to the Office communication mailed 11/16/2004. Please amend the application as follows: